

12MP Network Fisheye Camera



Functions

- Up to 12 megapixel resolution
- Ultra Low illumination
- 360° Fisheye Lens
- Approx. 15 meters Smart IR
- D-fog , 2D/3D DNR
- Wide Dynamic Rang
- Internal Microphone and Speaker
- Video Analytics Based on AI
- Low Bit Rate / ROI / H265 Plus
- IP67 , Vandal Proof IK10
- Onvif Support (S,G,T,M)
- Built-in Memory slot on age, up to 512GB
- BNC output
- Surge Protection 4KV
- 12V DC±25% & PoE(802.3af Class3)

Model	
MNA-FC12TWDLL-IFVSM	
12MP Network Fisheye Camera	
Camera	
Image Sensor	1/1.7" Progressive Scan CMOS
Min. Illumination	Color : 0.03 lux (F.2,AGC ON) 0 Lux IR ON
Day & Night	ICR
Focus Mode	Fixed
Shutter Time	50Hz: 1/1-1/100,000s; 60Hz: 1/1-1/100,000s
S / N Ratio	>56dB
Audio Compression	-
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
AGC	Auto / Manual
Lens	
Focal Length	1.8mm
Angle of View	Angle of view: 360°(wall mount), 360°(ceiling mount)
Iris	Fixed
Image	
Main & Sub Stream	Fisheye View: 12MP(4000*3000)@20fps;3000*3000@20fps; 2560*2560@25fps; PanoramaView,12MP(4000*3000)@20fps;3000*2000@25fps; Sub Stream: Fisheye View:2000*1500@20fps;2000*2000@25fps
Third Stream	Fisheye View:D1(720*576)@20/25fps;CIF352*288@20/25fps
Back Light	BLC, WDR (110 db)
Image Compression	H265 Plus/H.264 Plus / H264 / MJPEG
Audio Compression	G722.1/G.711ulaw/G.711alaw/MP2L2/G.726
Display Mode	Support 15 Display Mode : Fisheye View 360, 180 Panorama View, 4PTZ, Fisheye + 3PTZ, Fisheye + Panorama + 3PTZ, 360 Panorama View, 360 Panorama + PTZ, 360 Panorama + 3PTZ, 360 Panorama + 6PTZ, 360 Panorama + 8PTZ, 2PTZ, Fisheye + 8PTZ, Panorama View, Panorama + 3PTZ, Panorama + 8PTZ
ROI	Support
Protocols	IPv4, IPv6, IGMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Standard	ONVIF(S,G,T,M), API,SDK,RTSP
Others	Privacy Mask, 2D/3D DNR,
System Integration	
IR Range	Approx. 15 meters
Alarm I/O	2 alarm inputs, 1 alarm outputs, alarm linkage
Alarm Dtection	AI Video Analytics: Smart Intrusion Prevention ,Cross Line Detection, Intrusion Detection Statistical Analysis ,Heat map (Working with management platform) Events Working with management platform, the data of moving objects is counted in real time on an intuitive color map Basic Detection Motion Detection, Tampering Alarm, Audio Detection General FunctionWatermark,IP Address Filtering, AccessPolicy, ARP Protection,RTSP Authentication, User Authentication, HTTP Authentication
Audio I/O	1/1 , Internal Microphone and Speaker
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Onboard Storage	Built-in Micro SD/SDXC card slot, up to 512 GB edge recording
Number of Simultaneous Live View	Up to 30
Network Storage	NAS/ANR
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
General	
Power	12 V DC ± 25% , PoE (802.3af)
Working Temperature / Humidity	(-35 - +70) / 95%
Protection Level	IP67 – IK10 - Surge Protection,4KV
Power Consumption	Max. 12 W – Power over coaxial (Option)
Dimensions(mm)	164x152.8x43.8mm
Standard	EN ,RCII Iran standard- CE LVD (EN 62368-1) CB (IEC 62368-1) , UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Weight (approx.)	500gr